1.   Method for automatically processing and evaluating medical data for the purpose of determining and providing diagnostic and/or medical-care relevant information based on a plurality of available data sources,

characterized in that

-    all data sources are acquired in a common data pool,

-    each data source is evaluated based on predefined criteria, and

-    the results of the evaluation (rating) is saved with correlation to the data source,

-    the data contained in the data pool is referenced in such a way that elements of the dada pool that are correlated with regard to contents are linked and can be displayed automatically as being correlated, and

-    based on the data sources in accordance with predetermined boundary conditions, a structured summary (aggregate) in the form of a virtual data sheet is produced.

2.   Method according to claim 1,

characterized in that

-    the criteria based on which each data source is evaluated comprises at least one criterion, preferably all criteria, of the following list of criteria: origin of the data source, quality of the data source, age of the data source, formal quality of the data source, contents quality of the data source.

3.   Method according to claim 1 or 2,

characterized in that

-    in the virtual data sheet information is combined to blocks wherein

-    the blocks contain information to at least one, preferably all, aspects of the following list of aspects: identity of the patient, special risks, vaccination status, blood type, diagnoses, surgeries/interventions, current therapies, symptoms/differential diagnosis, current diagnostics, catheter/implants,

stoma/wounds, organ function profile central nervous system, organ function profile heart, organ function profile blood vessels, organ function profile lungs/tracheal bronchial tract, organ function profile kidneys/urinary tract, organ function profile liver/biliary tract, organ function profile gastrointestinal tract, organ function profile pancreas, organ function profile genital system, organ function profile blood/coagulation, organ function profile endocrine system, organ function profile metabolism, organ function profile immunological system, organ function peripheral nervous system, organ function profile skin/mucous membranes, organ function profile skeleton/muscles/connective tissue, organ function profile eyes/throat/nose/ears, organ function profile teeth status, social status and care status.

4.   Method according to one of the claims 1 to 3,
                    characterized in that
-       the predetermined boundary conditions based on which the structured summary is generated from the data sources, take into account the evaluation of the data sources.

5.   Method according to one of the claims 1 to 4,
                    characterized in that
-       the data pool is validated, i.e., is checked based on predefined criteria in regard to whether the contained data are correct.

6.   Method according to one of the claims 1 to 5, wherein the virtual data sheet is displayed on a screen,
                    characterized in that
-       the virtual data sheet is configured in such a way as a hypertext document that by clicking on an element of the data sheet other elements, optionally linked with said element, of the data sheet or of the data pool can be retrieved.

7.   Method according to claim 6,

characterized in that

\- the virtual data sheet is configured such that by clicking on an element of the data sheet all of the elements linked therewith and indicated within the data sheet are visually highlighted so that immediately all correlated elements can be recognized and that by clicking again or by double-clicking one element of the data sheet a list will open in which list at least the data sources upon which said element of the data sheet is based are retrievably combined.

8. Method according to one of the claims 1 to 7,
characterized in that

\- for those data sources in which a diagnosis code is contained the diagnosis code is automatically checked with regard to correctness.

9. Method according to claim 8,
characterized in that

\- a preferably autodidactic database with typical diagnosis code errors is queried when the check of a diagnosis code indicates an error.

10. Arrangement for automatic processing and evaluating medical data for the purpose of determining diagnostic and/or medical-care relevant health data based on a variety of available data sources,
characterized in that

\- a computer system with a number of components is provided and configured for performing a method according to one of the claims 1 to 9.

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